

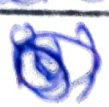
Worksheet

1) How do the shoot and roots of a plant respond to the pull of earth's gravity?

The shoot part of the plant shows negative geotropism by growing in the opposite direction of the gravity. The root part of the plant shows positive geotropism. In this way the shoot and roots of a plant

2) Describe an activity to illustrate the phenomenon of phototropism and explain why does it occur?

The cells on the plants that are farthest from the lights have a chemical called auxin that reacts when phototropism occurs. Activity to demonstrate



Activity to demonstrate

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

2. The next step is to gather relevant information and resources. This may involve reading books, articles, or consulting experts in the field. It is important to ensure that the information is accurate and up-to-date.

3. Once the information is gathered, the next step is to analyze it and identify the key factors that influence the outcome. This involves looking for patterns, trends, and relationships between different variables.

4. The final step is to develop a solution or answer to the problem. This involves applying the information and analysis to the specific question and providing a clear and concise response. It is important to check the solution for accuracy and to provide evidence to support the answer.

